DASH

Display and Sight Helmet System

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DASH enables pilots to aim their weapons simply by looking at the target. DASH measures the pilot's Line of Sight (LOS) relative to the aircraft, and transfers this information to other aircraft systems.

Aircraft sensors, avionics and weapons are thus enslaved to the target. DASH is adaptable to any fighter/attack aircraft and will accommodate advanced missiles and smart weapon lock-on envelopes.

DASH offers an optional CCD camera that allows post-flight debriefing. The system is operational in 5 countries, on 4 continents and onboard 5 different platforms (F-15A/B/C/D; F-151; F-16C/D; F-5E/F; MiG-21). There are over 1000 helmets and 750 systems in production.

Major Advantages

- Mature system, operational since 1986
- Assists pilots in earlier detection, identification and firing
- Shortens lock-on procedure in A/A and A/G modes
- Exploits more "hit" situations
- Enlarges pilot's field of vision, permitting him to look anywhere with normal head movements
- Allows pilots to fly head-up and off boresight
- Displays vital information (missile line of sight, missile status, flight information, warnings) on the visor